GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:3395
ANSWERED ON:13.03.2003
SOLAR ENERGY PROGRAMME IN A.P.
GANTA SRINIVASA RAO

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether some solar energy programmes are being implemented in Andhra Pradesh with central assistance/grants;

(b) if so, the details thereof;

(c) the funds released to the State for these programmes during the last three years, year-wise; and

(d) the result achieved in the State so far under these programmes?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a), (b), (c) & (d) The Ministry is implementing various solar energy programmes such as solar photovoltaic (SPV) programme, SPV water pumping programme, solar thermal extension programme and solar cooker programme in all the states of the country, including Andhra Pradesh. Under these programmes, installation of solar energy based systems such as solar home systems, street lighting systems, power plants, solar pumps, solar lanterns, solar water heating systems and solar cookers is being supported through central subsidy, soft loan packages and other incentives. In addition, the Ministry is supporting the establishment of `Aditya` solar shops in selected cities of the country.

The solar energy programmes are being implemented in Andhra Pradesh by the State nodal agency for renewable energy programmes i.e. Non-Conventional Energy Development Corporation of Andhra Pradesh (NEDCAP), the Indian Renewable Energ Development Agency (IREDA) and some banks.

The Ministry released Rs. 58.80 lakhs during 1999-2000, Rs. 200.18 lakhs during 2000-01 and Rs. 154.71 lakhs during 2001-02 for the implementation of solar energy programmes in the State.

The following solar energy systems have been installed in Andhra Pradesh, so far:

(a) 33,167 solar lanterns

(b) 1,016 solar home lighting systems

(c) 927 solar street lighting systems

(d) 603 solar pumps

(e) 9.60 kWp SPV small power plants

(f) 100 kWp grid connected SPV power plants

(g) 16,624 sq. m. of collector area for solar water heaters

(h) 1,146 box solar cookers

(i) 43 dish solar cookers

(j) 6 community solar cookers for indoor cooking

(k) the World`s largest solar steam cooking system at Tirumala

(l) Solar steam cooking system at Rishi Valley School, Chittoor

An `Aditya` solar shop for promoting the sales of solar energy systems has also been set up at Hyderabad.